Appl. No.: 10/597,070
Art Unit: 3686
Reply to Office Action of 05/13/2010

Patent
1952023.00001

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (CURRENTLY AMENDED)   A human immunodeficiency virus (HIV)-related disease management system comprising:

~~data collection means~~ patient data comprising at least one type of data selected from the group consisting of physical examination data, laboratory data, and patient history data;

data interpretation means; and

therapeutic dispensing means, wherein said data ~~collection means~~ is used to obtain disease state information from a patient having [[a]]HIV-related disease wherein said patient is located remotely relative to said data interpretation means and said therapeutic dispensing means and wherein said data interpretation means is located on a computer-readable medium, and provides diagnostic, prognostic and therapeutic information useful for the management of said HIV-related disease of said patient.

2.   (CURRENTLY AMENDED)   The disease management system of claim 1 wherein said data is collected by ~~collection means comprises~~ a non-physician healthcare worker or a laboratory.

3.   (CANCELED)

4.   (CANCELED)

5.   (CURRENTLY AMENDED)   The disease management system of claim 1 wherein said data interpretation means comprises [[an]]the algorithm of Figure 4 ~~or a physician specialist~~.

6.   (CANCELED)

7.   (CANCELED)

8.   (ORIGINAL)   The disease management system of claim 1 wherein said therapeutic dispensing means comprises a pharmacy.

9.   (ORIGINAL)   The disease management system of claim 1 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.

10.   (CURRENTLY AMENDED)   The disease management system of claim 1 wherein said HIV-related disease is human immunodeficiency (HIV) disease or acquired immune deficiency syndrome (AIDS).

11.   (CANCELED)

12.   (CURRENTLY AMENDED)   An HIV-related disease management system comprising:

        data collection means patient data comprising at least one type of data selected from the group consisting of physical examination data, laboratory data, and patient history data;

        data interpretation means comprising the algorithm of Figure 4; and

        therapeutic dispensing means, wherein said data interpretation means comprises the algorithm of Figure 4.

13.   (CURRENTLY AMENDED)   The disease management system of claim 12 wherein said data is collected by collection means comprises a non-physician healthcare worker or a laboratory.

14.   (CANCELED)

15.   (CANCELED)

16.   (CANCELED)

17.   (CANCELED)

18.   (PREVIOUSLY PRESENTED) The disease management system according to claim 16 wherein said algorithm is stored on a computer-readable medium.

19.   (CANCELED)

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20.   (ORIGINAL) The disease management system of claim 12 wherein said therapeutic dispensing means comprises a pharmacy.

21.   (ORIGINAL) The disease management system of claim 12 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.

22.   (CURRENTLY AMENDED) The disease management system of claim 12 wherein said HIV-related disease is ~~HIV disease or~~ AIDS.

23.   (CANCELED)

24.   (CURRENTLY AMENDED) An HIV-related disease management system comprising:

   ~~a data collection means for collecting data~~ patient data comprising at least one type of data selected from the group consisting of physical examination data, laboratory data, and patient history data;

   a data interpretation means for interpreting said data; and

   a therapeutic dispensing means for providing therapy useful for treating said HIV-related disease, wherein said data comprises ~~collection means is used to obtain~~ disease state information from a patient having a HIV-related disease, wherein said patient is located remotely relative to said data interpretation means and said therapeutic dispensing means, and wherein said data interpretation means is located on a computer-readable medium and provides diagnostic, prognostic and therapeutic information useful for the management of said disease of said patient.

25.   (ORIGINAL) The disease management system of claim 24 wherein said data comprises a patient history and CD4 levels.

26.   (ORIGINAL) The disease management system of claim 24 wherein the therapy comprises High Activity Anti-Retroviral Therapy (HAART).

27.   (CURRENTLY AMENDED) A method for managing HIV-related disease in a patient located remotely relative to data interpretation means and therapeutic dispensing means comprising:

collecting a first set of data from said remotely located patient having an HIV-related disease;

interpreting said first set of data in order to determine an appropriate first therapeutic regimen for said remotely located patient;

dispensing said first therapeutic regimen to said remotely located patient;

collecting at least one second set of data from said remotely located patient;

interpreting said at least one second set of data in order to determine the appropriateness of continuing or stopping said first therapeutic regimen or altering said first therapeutic regimen for said remotely located patient; and

wherein said first and at least one second interpreting step comprises an algorithm located on a computer-readable medium that provides diagnostic, prognostic and therapeutic information useful for the management of said HIV-related disease of said patient.

28.   (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said data is collected by a non-physician healthcare worker or a laboratory.

29.   (CANCELED)

30.   (CANCELED)

31.   (CURRENTLY AMENDED) The method for managing disease in a patient of claim 27 wherein said data interpretation means comprises [[an]]the algorithm of Figure 4 or a physician specialist.

32.   (CANCELED)

33.   (CANCELED)

34.   (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said therapeutic dispensing means comprises a pharmacy.

35.   (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.

36.   (CURRENTLY AMENDED) The method for managing disease in a patient of claim 27 wherein said HIV-related disease is ~~HIV disease or~~ AIDS.

37.   (CANCELED)

38.   (CANCELED)

39.   (CURRENTLY AMENDED) A method for HIV-related disease management comprising:

    collecting data from a patient;

    interpreting data according to the algorithm of Figure 4 such that a diagnosis is established and/or a treatment regimen is proposed; and

    dispensing a therapeutic useful for treating said HIV-related disease in said patient based upon said diagnosis and/or said treatment regimen~~, wherein said interpretation of data is performed according to the algorithm of Figure 4~~.